

Sambi Reddy Kalakoti  
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### **Objective:**

AWS Senior Solutions Architect with **5+ years of dedicated experience in designing, implementing, and optimizing cloud solutions on the AWS platform.** Committed to driving innovation, scalability, and cost efficiency. Seeking a challenging role to leverage my expertise and contribute to the success of organizations through advanced AWS solutions.

### **Education:**

Qualification	Institute	Year
M.Com	Andhra University school of Distance Education	2020
B. Com (General)	Acharya Nagarjuna University	2018
Intermediate	Board of Intermediate Education	2015
SSC	Board of Secondary Education	2013

### **Skills:**

- **Hands on experience on AWS services like EC2, S3, Route 53, Cloud Front, RDS, DynamoDB, Data Migration, Lambda, API Gateway, VPC, IAM, Cloud Formation, Cloud Watch etc.**
- Expertise in designing and implementing cloud architectures for high availability, fault tolerance, and scalability.
- **Infrastructure as Code (IaC)** using AWS Cloud Formation for automated resource provisioning and management.
- Deep understanding of containerization and orchestration using Docker. And other tools like Kubernetes, Terraform, Jenkins. Languages like Python and Bash
- Extensive experience in designing and optimizing server-less architectures using **AWS Lambda and API Gateway for cost efficiency and scalability.**
- Strong knowledge of networking concepts, security best practices, and implementing robust security measures on AWS.
- Performance optimization and cost control in AWS environments.
- Strong problem-solving, troubleshooting, and analytical skills.
- Excellent communication and collaboration abilities.

## Work Experience:

### CYBER INFORMATION SYSTEMS, BANGALORE

#### – SENIOR SOLUTION ARCHITECT – JUNE 2018 TO NOV 2023

- Designed and implemented highly available and fault-tolerant AWS architectures, including multi-tier applications, using services like **EC2, ELB, RDS, S3, Data Migration, DynamoDB, and Cloud Formation.**
- Optimized AWS infrastructure for performance and cost efficiency by implementing auto-scaling, spot instances, and reserved instances.
- **Migrated on-premises applications to AWS, utilizing services such as EC2, S3, RDS, and VPN.**
- Implemented server-less architectures using AWS Lambda and API Gateway, resulting in improved scalability and reduced costs.
- Implemented robust security measures, including **VPC, IAM roles, security groups, and encryption, ensuring data protection and compliance.**
- Collaborated with cross-functional teams to ensure smooth deployment and operational support of AWS environments.
- Conducted architecture reviews and provided technical guidance to ensure adherence to AWS best practices.
- Implemented effective monitoring and logging solutions using **Cloud Watch, enabling proactive system management and issue resolution.**
- Led the migration of a large-scale application to AWS, resulting in improved performance, scalability, and cost savings.
- Designed and implemented highly available and fault-tolerant architectures using services like **EC2, RDS, S3, Elastic Beanstalk, and Cloud Formation.**
- Conducted extensive performance analysis and optimization of AWS resources, identifying and resolving bottlenecks to enhance system performance.
- Implemented monitoring and alerting solutions using CloudWatch, enabling proactive identification and resolution of issues.
- Knowledge on Presales and Bid Management. And tools like Kubernetes, Terraform, Jenkins.
- Worked closely with development teams to **optimize application performance and troubleshoot issues on AWS.**
- **Experience in scripting languages i.e : Python, Bash**
- Collaborated with security teams to implement robust security measures, ensuring data protection and compliance with industry standards.

## **Projects:**

### **FREEDOM (2021-2023)**

- Designed and implemented a secure and scalable AWS architecture for a high-traffic web application, leveraging services like **Amazon EC2, Amazon RDS, and Amazon Cloud Front.**
- **Utilized EC2 Auto Scaling, Amazon RDS for high availability, Amazon S3 for static content, and CloudFront for content delivery.**
- Implemented fault-tolerant solutions using multiple Availability Zones and load balancing to ensure high availability and resilience.
- Working knowledge on **Pre sales and Bid Management.** And tools like Kubernetes, Terraform, Jenkins.
- Knowledge on scripting languages
- Implemented AWS security measures including VPC, **IAM roles, and security groups to protect sensitivedata and meet compliance requirements.**

### **AMBASSADOR (2018-2021)**

- Migrated a legacy on-premises application to AWS, leveraging EC2, RDS, S3, and Cloud Formation.
- **Implemented disaster recovery solutions using AWS Backup and performed regular backups to ensuredata protection and business continuity.**
- Implemented high availability and fault tolerance using auto-scaling groups and load balancers.
- **Implemented scalable and optimized data ingestion pipelines, reducing data processing time andimproving overall performance.**
- Implemented comprehensive data security measures, including encryption and access controls, to protect sensitive data.

## **DECLARATION:**

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Signature of the candidate

Place:

K. SAMBI REDDY